

In the Claims

1-8. (cancelled)

9. (new) A stamping device for imprinting identification data in plastic products, comprising:

a stationary support frame having columnar guides and a longitudinal axis, said guides being parallel to said longitudinal axis;

a first stamp having a first housing element stationarily mounted on said frame and having a first piston rod movable in a first direction along said longitudinal axis relative to said frame;

a stamping plate with replaceable identification units coupled to said first piston rod with at least one of the plastic products and said stamping plate being heated, said stamping plate being movably mounted on said guides for guided movement along said longitudinal axis relative to said guides;

a support stamp having a support housing element stationarily mounted on said frame and having a support piston rod movable in a second direction along said longitudinal axis relative to said frame, said second direction being opposite to said first direction, movement of said support piston rod being one of simultaneous with and desynchronized relative to movement of said first piston rod; and

a support plate coupled to said support piston rod and being movably mounted on said guides for guided movement along said longitudinal axis relative to said guides, said stamping plate and said support plate being adjacent to and facing one another;

whereby, said stamping plate and said support plate are movable between open positions for delivering and removing the plastic products and closed positions to effect stamping of the plastic products.

10. (new) A stamping device according to claim 9 wherein
said plastic products are containers produced by a blow-fill-seal process.

11. (new) A stamping device according to claim 9 wherein
delivery and removing of the plastic products occurs in a direction transverse to said longitudinal axis.

12. (new) A stamping device according to claim 9 wherein
delivery and removing of the plastic products occurs in a direction one of parallel and transverse to said longitudinal axis.

13. (new) A stamping device according to claim 9 wherein
a guide plate is fixedly connected to said support frame by a column suspension and is mounted between said stamping plate and said support plate, said guide plate guiding the plastic products for a stamping process in said support frame.

14. (new) A stamping device according to claim 9 wherein
the plastic products are ampules connected in a strip by an edge zone for stamping in succession by said identification units.

15. (new) A stamping device according to claim 14 wherein
a plurality of said ampules are delivered for simultaneous stamping.
16. (new) A stamping device for imprinting identification data in plastic products,
comprising:
- a stationary support frame having columnar guides and a longitudinal axis, said guides
being parallel to said longitudinal axis;
 - a first stamp mounted on said frame for movement in a first direction along said
longitudinal axis relative to said frame relative to said frame;
 - a stamping unit with replaceable identification units coupled to said first stamp with at
least one of the plastic products and said stamping plate being heated, said stamping plate being
movably mounted on said guides for guided movement along said longitudinal axis relative to
said guides;
 - a support stamp mounted on said frame for movement in a second direction along said
longitudinal axis relative to said frame, said second direction being opposite to said first
direction, movement of said support stamp being one of simultaneous with and desynchronized
relative to movement of said first stamp;
 - a support plate coupled to said support stamp and being movably mounted on said guides
for guided movement along said longitudinal axis relative to said guides; and

a guide plate fixedly connected to said support frame by a column suspension and mounted between said stamping unit and said support plate, said guide plate guiding the plastic products for a stamping process in said support frame;

whereby, said stamping plate and said support plate are movable between open positions for delivering and removing the plastic products and closed positions to effect stamping of the plastic products.

17. (new) A stamping device according to claim 16 wherein said plastic products are containers produced by a blow-fill-seal process.
18. (new) A stamping device according to claim 16 wherein delivery and removing of the plastic products occurs in a direction transverse to said longitudinal axis.
19. (new) A stamping device according to claim 16 wherein delivery and removing of the plastic products occurs in a direction one of parallel and transverse to said longitudinal axis.
20. (new) A stamping device according to claim 16 wherein the plastic products are ampules connected in a strip by an edge zone for stamping in succession by said identification units.
21. (new) A stamping device according to claim 20 wherein a plurality of said ampules are delivered for simultaneous stamping.